

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	((("5413958") or ("5529630") or ("5595923") or ("5712191") or ("5731613") or ("5767930") or ("5854494") or ("5854096") or ("5937282") or ("5959313") or ("5966594") or ("6051453") or ("6071764"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/19 08:07
S2	12	((active adj matrix) and ((interlayer adj insulat\$) near (silicon adj nitride)))	US-PGPUB; USPAT	OR	OFF	2005/02/08 12:05
S3	10	((("5183780") or ("5341012") or ("5396084") or ("5420055") or ("5466617") or ("5506165") or ("5637187") or ("5815223") or ("5932484") or ("6136625"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/16 15:31
S4	46	"6198133"	US-PGPUB; USPAT	OR	OFF	2005/09/16 15:44
S5	1	"01222432"	JPO	OR	OFF	2005/09/16 15:44
S6	1	"06260643"	JPO	OR	OFF	2005/09/16 15:45
S7	1	"02150017"	JPO	OR	OFF	2005/09/16 15:45
S8	1	"02224255"	JPO	OR	OFF	2005/09/16 15:46
S9	0	"0684793"	JPO	OR	OFF	2005/09/16 15:46
S10	0	"06847930"	JPO	OR	OFF	2005/09/16 15:46
S11	1	"06124962"	JPO	OR	OFF	2005/09/16 15:46
S12	1	"05009089"	JPO	OR	OFF	2005/09/16 15:48
S13	12	(thin adj film) same (silicon adj nitride) same (electrode) same (titanium) same aluminum same interlayer	US-PGPUB; USPAT; JPO	OR	OFF	2005/09/19 08:01
S14	1	"4357557".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49
S15	1	"4658496".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49
S16	1	"4753896".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49
S17	1	"5028564".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49
S18	1	"5072263".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49
S19	1	"5107175".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49
S20	1	"5124204".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49

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S21	1	"5189405".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49
S22	1	"5247190".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:49
S23	1	"5399502".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:50
S24	1	"5401982".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:50
S25	1	"5405791".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:50
S26	1	"5518940".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:50
S27	1	"5576556".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:50
S28	1	"5593907".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:50
S29	1	"5612234".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:50
S30	1	"5620905".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:51
S31	1	"5643826".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:51
S32	1	"5686360".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:51
S33	1	"5693956".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:51
S34	1	"5710606".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:51
S35	1	"5719065".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:51
S36	1	"5523257".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:53
S37	1	"5508209".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:53
S38	1	"5504020".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:54
S39	1	"5476802".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:54
S40	1	"5466617".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:54
S41	1	"5306651".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:54
S42	1	"5736414".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:54

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S43	1	"5757126".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:54
S44	1	"5771562".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:55
S45	1	"5786620".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:55
S46	1	"5789762".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:55
S47	1	"5801416".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:55
S48	1	"5811177".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:56
S49	1	"5827747".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:56
S50	1	"5869929".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:56
S51	1	"5923962".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:56
S52	1	"5926735".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:56
S53	1	"5929483".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:57
S54	1	"5952778".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:57
S55	1	"5956588".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:57
S56	1	"5959313".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:57
S57	1	"5962962".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:57
S58	1	"6114183".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:57
S59	1	"6114715".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:57
S60	1	"6146225".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:57
S61	1	"6150187".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:58
S62	1	"6198133".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:58
S63	1	"6198217".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:58
S64	1	"6198220".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:58

## EAST Search History

S65	1	"6200836".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:58
S66	1	"6207519".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:58
S67	1	"6215155".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:58
S68	1	"6239470".PN.	USPAT; USOCR	OR	OFF	2005/09/19 07:58
S69	1	"6268071".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:00
S70	1	"6274887".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:00
S71	1	"6280559".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:00
S72	110	(thin adj film) same (electrode) same (titanium) same aluminum same interlayer	US-PGPUB; USPAT; JPO	OR	OFF	2005/09/19 08:01
S73	14	S72 and @ad<"19952803"	US-PGPUB; USPAT; JPO	OR	OFF	2005/09/19 08:02
S74	1	"5644370".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:04
S75	1	"5471330".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:04
S76	1	"5434441".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:04
S77	1	"5412240".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:05
S78	1	"5308779".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:05
S79	1	"5288527".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:05
S80	1	"5218232".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:05
S81	1	"4838654".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:05
S82	1	"4746961".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:05
S83	1	"4477962".PN.	USPAT; USOCR	OR	OFF	2005/09/19 08:05
S84	4260	(thin adj film) and (electrode or wiring) and (interlayer) and (titanium) and aluminum	US-PGPUB; USPAT	OR	OFF	2005/09/19 08:08
S85	385	S84 and @ad <"19952803"	US-PGPUB; USPAT	OR	OFF	2005/09/19 08:08

## EAST Search History

S86	25	S85 and (first and second) adj interlayer	US-PGPUB; USPAT	OR	OFF	2005/09/19 08:09
S87	11	((("20030036222") or ("20030116766") or ("5403762") or ("5717224") or ("5904509") or ("5990491") or ("6051453") or ("6071764") or ("6146930") or ("6391694") or ("6501097"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/11 13:17
S88	1659	((active adj matrix) or (liquid adj crystal)) and (semiconductor adj layer) and ((first and second) adj interlayer) and (gate or (conductive adj layer)))	US-PGPUB; USPAT	OR	OFF	2006/04/11 13:22
S89	11	S88 and @ad<"19952803"	US-PGPUB; USPAT	OR	OFF	2006/04/11 13:20
S90	1	"5285301".PN.	USPAT; USOCR	OR	OFF	2006/04/11 13:20
S91	9	"5744820"	US-PGPUB; USPAT	OR	OFF	2006/04/11 13:21
S92	4187	((active adj matrix) or (liquid adj crystal)) and (semiconductor adj layer) and (interlayer) and (gate or (conductive adj layer)))	US-PGPUB; USPAT	OR	OFF	2006/04/11 13:22
S93	181	S92 and @ad<"19952803"	US-PGPUB; USPAT	OR	OFF	2006/04/11 13:29
S94	47	"5619044"	US-PGPUB; USPAT	OR	OFF	2006/04/11 14:06
S95	1	"5644370".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:33
S96	1	"5471330".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:34
S97	1	"5434441".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:34
S98	1	"5412240".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:34
S99	1	"5308779".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:34
S100	1	"5288527".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:34
S101	1	"5218232".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:34
S102	1	"4838654".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:35
S103	1	"4746961".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:35

## EAST Search History

S10 4	1	"4477962".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:35
S10 5	24	"5159477"	US-PGPUB; USPAT	OR	OFF	2006/04/11 14:43
S10 6	1	"6806932"	US-PGPUB; USPAT	OR	OFF	2006/04/11 14:49
S10 7	1	"5084905".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:43
S10 8	1	"5159477".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:43
S10 9	1	"5317432".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:43
S11 0	1	"5461501".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:44
S11 1	1	"5536950".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:44
S11 2	1	"5585951".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:44
S11 3	1	"5644370".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:45
S11 4	1	"5717224".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:45
S11 5	1	"5717473".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:45
S11 6	1	"5721601".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:48
S11 7	1	"5745195".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:48
S11 8	1	"5767927".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:48
S11 9	1	"5784131".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:48
S12 0	1	"5917563".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:48
S12 1	35	"5917563"	US-PGPUB; USPAT	OR	OFF	2006/04/11 14:51
S12 2	1	"5943107".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:50
S12 3	1	"5956105".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:50
S12 4	1	"6141066".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:51
S12 5	1	"6359665".PN.	USPAT; USOCR	OR	OFF	2006/04/11 14:51

## EAST Search History

S12 6	1	"6806932"	US-PGPUB; USPAT	OR	OFF	2006/04/11 14:51
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